

# New nucleotide sequence data on the EMBL File Server

February 25 to March 10, 1992

New nucleotide sequence data, available from the EMBL File Server, (see Stoehr, P.J. and Omond, R.A. (1989) *Nucleic Acids Res.*, 17 (16), 6763–6764), are reported below. Availability of all the newest sequence data is the result of collaboration between the EMBL Data Library, GenBank® and DDBJ, and data are supplied regularly by these groups. Updates to existing data are not reported here. This report has been prepared by the EMBL Data Library.

The EMBL File Server can be used by anyone who has access to electronic mail networks. Database entries can be retrieved by sending a mail message to the Internet address NetServ@EMBL-Heidelberg.DE containing the GET command. For example, to get the entry with the accession number X12399, the message should include the following line:

GET NUC:X12399

The requested file(s) will be returned automatically via electronic mail. More introductory documentation can be obtained by using the file server command:

HELP.

## *PRIMATES:*

A.trivirgatus DNA promoter region for DRA gene (MhcAotr-DRApr) (MHC class II)

Gaur L.K., Heise E.R., Ting J.P.Y.;  
Immunogenetics 35:136–139(1992). M89622

Cebus albifrons epsilon-globin gene, complete cds; gamma1-globin gene, complete cds; gamma2-globin gene, complete cds; and eta-globin pseudogene.

Hayasaka K., Skinner C.G., Slightom J.L., Goodman M.;  
Unpublished. M81409

C.jacchus interferon gene for interferon gamma

Kaba A., Eladari M.E., Mohammad-Ali K., Rhodes-Feuillette A., Galibert F.;  
Unpublished. X64659

Cynocephalus variegatus DNA sequence.

Bailey W.J., Slightom J.L., Goodman M.;  
Unpublished. M81368

Gorilla DNA sequence, complete cds.

Bailey W.J., Slightom J.L., Goodman M.;  
Unpublished. M81363

G.gorilla DNA promoter region for DRA gene (MhcGogo-DRApr) (MHC class II)

Gaur L.K., Heise E.R., Ting J.P.Y.;  
Immunogenetics 35:136–139(1992). X59619

Gibbon gene, complete mRNA.

Bailey W.J., Slightom J.L., Goodman M.;  
Unpublished. M81377

Human adipocyte acid phosphatase mRNA.

Shekels L.L., Smith A.J., Van Etten R.L., Bernlohr D.A.;  
Unpublished. M87545–M87546

Human alpha-5-beta-1 fibronectin receptor.

Dean D.C.;  
Unpublished. M74954

Human arachidonate 12-lipoxygenase gene, 5' end.

Funk C.D., Funk L.B., FitzGerald G.A., Samuelsson B.;  
Unpublished. M87004

H.sapiens DNA for alpha2–1.8 adrenergic receptor gene  
Chhajlani V., Rangel N., Uhlen S., Wikberg J.E.S.;  
FEBS Lett. 280:241–244(1991). X59684

Human alpha satellite DNA specific for chromosome 12.  
Baldini A., Rocchi M., Archidiacono N., Miller O.J., Miller D.A.;  
Unpublished. M28221

Human ATL-derived PMA-responsive (APR) peptide mRNA.  
Hijikata M., Kato N., Sato T., Kagami Y., Shimotohno K.;  
J. Virol. (In Press) D90070

Human complement protein (C2) gene exons 5–7, partial cds.  
Johnson C.A., Densen P., Hurdord R.K., Colten H.R., Wetsel R.A.;  
Unpublished. M86920

Human neuronal DHP-sensitive, voltage-dependent, calcium channel beta-2 subunit mRNA, complete cds.  
Harpold M.M., Ellis S.B., Velicelebi G., Brenner R., McCue A.F., Feldman D.H., Williams M.E.;  
Neuron 8:71–84(1992). M76560

Human neuronal DHP-sensitive, voltage-dependent, calcium channel alpha-2b subunit mRNA, complete cds.  
Harpold M.M., Ellis S.B., Velicelebi G., Brenner R., McCue A.F., Feldman D.H., Williams M.E.;  
Neuron 8:71–84(1992). M76559

Human cathepsin S mRNA, complete cds.

Chapman H.A.;  
Unpublished. M86553

Human CD18 gene, exon.

Rosmarin A.G., Levy R., Tenen D.G.;  
Unpublished. M77675

- H.sapiens (D21S145) DNA segment containing (CA)15 repeat  
Cruts M., Backhovens H., Van Broeckhoven C.;  
Nucleic Acids Res. 20:1159–1159(1992). X63572
- Human (D21S198) DNA segment containing (TG)23 repeat.  
Sharma V., Patterson D., Litt M.;  
Nucleic Acids Res. 19:4023–4023(1991). X58124
- H.sapiens DNA segment containing GT repeat  
Kwiatkowski D.J., Gusella J.F.;  
Nucleic Acids Res. 20:930–930(1992).  
X62922–X62924,X62926–X62930
- H.sapiens (D9S117) DNA segment containing CA repeat  
Kwiatkowski D.J., Gusella J.F.;  
Nucleic Acids Res. 20:931–931(1992). X62925
- Human (D9S55) DNA segment containing (TG)24 repeat.  
Sharma V., Brown D., Smith L., Magenis R.E., Litt M.;  
Unpublished. X58125
- Human DNA polymerase delta mRNA, complete cds.  
Yang C.L., Chang L.S., Zhang P., Hao H., Zhu L., Toomey N.L., Lee M.Y.;  
Nucleic Acids Res. 20:735–745(1992). M81735
- Homo sapiens lymphocyte DNA (alleles DRB1\*0412,DRB1\*1408,DRB1\*1409,DRB1\*1410), partial cds.  
Gao X., Veale A., Serjeantson S.W.;  
Unpublished. M77672–M77673,M77670–M77671
- H.sapiens dystrophin gene, exons 60–79.  
Roberts R.G., Coffey A.J., Borrow M., Bentley D.R.;  
Unpublished. M86884–M86903
- H.sapiens dystrophin gene, putative partial cds and exon 79, 3' end.  
Roberts R.G., Coffey A.J., Borrow M., Bentley D.R.;  
Unpublished. M86904
- H.sapiens mRNA for endothelial plasminogen activator inhibitor PAI  
Pannekoek H.;  
Unpublished. X12701
- H.sapiens erythrocyte protein 4.2 gene sequence.  
Sung L., Chien S., Fan Y.S., Lin C., Lambert K., Zhu L., Lam J., Chang L.S.;  
Unpublished. M86636
- Human estrogen receptor-related protein (variant ER from breast cancer) mRNA, complete cds.  
Dotzlaw H., Murphy L.C.;  
Unpublished. M69296–M69297
- Human gamma amino butyric acid (GABA rho2) gene mRNA, 3' end.  
Cutting G.R., Curristin S., Zoghbi H., O'Hara B., Seldin M.F., Uhl G.R.;  
Unpublished. M86868
- Human glycophorin (MiIX) gene, exons 2–4.  
Huang C.h., Skov F., Daniels G.R., Tippett P., Blumenfeld O.O.;  
Unpublished. M87882–M87884
- Human HER-2/neu gene, exons 1 and 2, and intron 1.  
Briscoe W.T., Ray D.B., Airhart J., Ratliff A., Shockley E.A., Whetsell L., Schaefer F.V., Williams R.M.;  
Unpublished. M86910
- Human interferon-gamma induced protein (IFI 16) gene, complete cds.  
Trapani J.A.;  
Unpublished. M63838
- Human high-affinity IgE receptor beta subunit mRNA  
Maekawa K., Imagawa N., Tanaka Y., Harada S.;  
Unpublished. D10583
- H.sapiens Ig H region switch/C gamma-1 sterile transcript  
Milili M., Fougerousse M., Guglielmi P., Schiff C.;  
Mol. Immunol. 28:753–761(1991). X17676
- H.sapiens gene for IG kappa light chain variable regions 'Z2', 'Z3', 'Z4'  
Reuschenthaler F., Scheuble K.F., Thiebe and Zachau H.G.;  
Unpublished. X64640–X64642
- H.sapiens Ig V-H region  
Milili M., Fougerousse M., Guglielmi P., Schiff C.;  
Mol. Immunol. 28:753–761(1991). X17675–X17678
- H.sapiens gene for interleukin-1 receptor antagonist  
Lennard A., Gorman P., Carrier M., Griffiths S., Scotney H., Sheer D., Solari R.;  
Cytokine (In Press). X64532
- H.sapiens mRNA for iron regulatory factor  
Hirling H., Emery-Goodman A., Thompson N., Neupert B., Seiser C., Kuehn L.;  
Nucleic Acids Res. 20:33–39(1992). Z11559
- Human S-lac lectin L-14-II (LGALS2) gene, exons 2–4.  
Gitt M.A., Massa S.M., Leffler H., Barondes S.H.;  
Unpublished. M87842,M87858–M87860
- H.sapiens myeloid cell nuclear differentiation antigen mRNA, complete cds.  
Briggs J.A., Burrus G.R., Briggs R.C.;  
Unpublished. M81750
- Human MHC class III region DNA with fibronectin type-III repeats  
Matsumoto K.I., Arai M., Ishihara N., Ando A., Inoko H., Ikemura T.;  
Genomics 12:485–491(1992). X60189
- Human MHC class II HLA-DQ-beta mRNA (DQB1\*0304).  
Fenske T.S., Baxter-Lowe L.;  
Unpublished. M83770
- H.sapiens mRNA for colon carcinoma Manganese Superoxide Dismutase  
Clair D.K.S., Holland J.C.;  
Cancer Res. 51:939–943(1991). X59445
- Human modulator recognition factor 2 (MRF-2) mRNA, complete cds.  
Merrills B.W., Huang T.H., Oka T., LeBon T.R., Gertson P.N., Itakura K.;  
Unpublished. M73837
- Human nonmuscle myosin heavy chain-A (MYH9) mRNA, 5' end.  
Simons M., Wang M., McBride O.W., Kawamoto S., Yamakawa K., Gdula D., Adelstein R.S., Weir L.;  
Unpublished. M69180

**Human nonmuscle myosin heavy chain-B (MYH10) mRNA, partial cds.**

Simons M., Wang M., McBride O.W., Kawamoto S., Yamakawa K., Gdula D., Adelstein R.S., Weir L.;  
Unpublished. M69181

**H.sapiens RNA for nm23-H2 gene**

Stahl J.A., Leone A., Rosengard A.M., Porter L., King C.R., Steeg P.S.;  
Cancer Res. 51:445–449(1991). X58965

**H.sapiens PML-RAR alpha-bcr1 gene**

Pandolfi P.P., Aloali M., Zangrilli D., Mencarelli A., Diverio D., Biondi A., Locolo F., Rambaldi A., Grignani F., Rochedie-Egly C., Gaub M.P., Chambev P., Pelicci P.G.;  
EMBO J. (In Press). X63637,X63647

**H.sapiens PML-RAR alpha-bcr3 gene**

Pandolfi P.P., Aloali M., Zangrilli D., Mencarelli A., Diverio D., Biondi A., Locolo F., Rambaldi A., Grignani F., Rochedie-Egly C., Gaub M.P., Chambev P., Pelicci P.G.;  
EMBO J. (In Press). X63638–X63640,X63646

**H.sapiens PML-RAR alpha-bcr2–13 # gene**

Pandolfi P.P., Aloali M., Zangrilli D., Mencarelli A., Diverio D., Biondi A., Locolo F., Rambaldi A., Grignani F., Rochedie-Egly C., Gaub M.P., Chambev P., Pelicci P.G.;  
EMBO J. (In Press). X63641–X63642

**H.sapiens PML-RAR alpha-bcr2–32 # gene**

Pandolfi P.P., Aloali M., Zangrilli D., Mencarelli A., Diverio D., Biondi A., Locolo F., Rambaldi A., Grignani F., Rochedie-Egly C., Gaub M.P., Chambev P., Pelicci P.G.;  
EMBO J. (In Press). X63643

**H.sapiens PML-RAR alpha-bcr2–28 # gene**

Pandolfi P.P., Aloali M., Zangrilli D., Mencarelli A., Diverio D., Biondi A., Locolo F., Rambaldi A., Grignani F., Rochedie-Egly C., Gaub M.P., Chambev P., Pelicci P.G.;  
EMBO J. (In Press). X63644

**H.sapiens PML-RAR alpha-bcr1–2 gene**

Pandolfi P.P., Aloali M., Zangrilli D., Mencarelli A., Diverio D., Biondi A., Locolo F., Rambaldi A., Grignani F., Rochedie-Egly C., Gaub M.P., Chambev P., Pelicci P.G.;  
EMBO J. (In Press). X63645

**Human (Thalassemia patient) phosphoprotein (p18) gene, exon 1.**

Luo X.N., Arcasoy M.O., Brickner H.E., Mistry S., Schechter A.D., Atweh G.F.;  
J. Biol. Chem. 266:21004–21010(1991). M74239

**Homo sapiens peripheral blood lymphocyte DNA sequence.**

Meyer C.;  
Unpublished. M87046

**H.sapiens mRNA for protein S**

Wydro R., Cohen E., Dackowski W., Stenflo J., Lundwall A., Dahlback B.;  
Unpublished. X12892

**Human prion protein gene, 5' end.**

Diedrich J.F., Knopman D.S., List J.F., Olson K., Frey W.H.II., Emory C., Kascak R.J., Sung J.H., Haase A.T.;  
Unpublished. M81930

**Human psoriasis mRNA, complete cds.**

Madsen P., Rasmussen H.H., Leffers H., Honore B., Dejgaard K., Olsen E., Kiil J., Walbum e., Andersen A., Basse B., Lauridsen J.B., Ratz G., Celis A., Vandekerckhove J., Celis J.E.;  
J. Invest. Dermatol. 97:701–712(1991). M86757

**H.sapiens DNA repetitive subtelomeric-like sequence (369 bp)**

Reuschenthaler F., Scheuble K.F., Thiebe and Zachau H.G.;  
Unpublished. X64634

**H.sapiens DNA repetitive subtelomeric-like sequences**

Reuschenthaler F., Scheuble K.F., Thiebe and Zachau H.G.;  
Unpublished. X64633,X64635–X64639

**H.sapiens gene for rho GDP dissociation inhibitor (GDI)**

Mulheron J.G.;  
Unpublished. X63863

**H.sapiens S31 gene for serotonin receptor**

Levy F., Gudermann T., Birnbaumer M., Kaumann A.J.,  
Birnbaumer L.;  
FEBS Lett. 296:201–206(1992). Z11166

**Homo sapiens mRNA for SRE-ZBP.**

Attar R.M., Gilman M.Z.;  
Mol. Cell. Biol. (In Press). Z11773

**H.sapiens mRNA for tetranectin**

Wewer U.M., Albrechtsen R.;  
Unpublished. X64559

**Human kinase (TTK) mRNA, complete cds.**

Mills G.B., Schmandt R., McGill M., Amendola A., Hill M., Jacobs K., May C., Rodricks A.M., Campbell S., Hogg D.M.D.;  
Unpublished. M86699

**H.sapiens RNA for 5' sequence of type IV collagenase**

Levy A.T., Cioce V., Sobel M.E., Garbisa S., Grigioni W.F., Liotta L.A., Stetler-Stevenson W.G.;  
Cancer Res. 51:439–444(1991). X58968

**H.sapiens mRNA P2 for Ig heavy chain variable region**

Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
Int. Immunol. (In Press). X64241

**H.sapiens mRNA P28 for Ig heavy chain variable region**

Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
Int. Immunol. (In Press). X64238

**H.sapiens mRNA P29 for Ig heavy chain variable region**

Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
Int. Immunol. (In Press). X64240

**H.sapiens mRNA P30 for Ig heavy chain variable region**

Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
Int. Immunol. (In Press). X64234

**H.sapiens mRNA P32 for Ig heavy chain variable region**

Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
Int. Immunol. (In Press). X64235

- H.sapiens mRNA P34 for IG heavy chain variable region  
 Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
*Int. Immunol. (In Press)*. X64236
- H.sapiens mRNA P4 for IG heavy chain variable region  
 Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
*Int. Immunol. (In Press)*. X64239
- H.sapiens mRNA P46 for IG heavy chain variable region  
 Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
*Int. Immunol. (In Press)*. X64147
- H.sapiens mRNA P48 for IG heavy chain variable region  
 Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
*Int. Immunol. (In Press)*. X64242
- H.sapiens mRNA P53 for IG heavy chain variable region  
 Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
*Int. Immunol. (In Press)*. X64237
- H.sapiens mRNA P7 for IG heavy chain variable region  
 Ebeling S.B., Schutte M.E.M., Akkermans-Koolhaas K.E., Bloem A.C., Gmelig-meyling F.H.J., Logtenberg T.;  
*Int. Immunol. (In Press)*. X64243
- Human expressed sequence tags (EST00230 – EST02718).  
 Adams M.D., Dubnick M., Kerlavage A.R., Moreno R.F., Kelley J.M., Utterback T.R., Nagle J.W., Fields C., Venter J.;  
*Nature* 355:632–634(1992).  
 M77851–M79278,M85318,M85328–M86179,M87225–M87228
- M.fascicularis DNA promoter region for DRA gene (MhcMafa-DRApr) (MHC class II)  
 Gaur L.K., Heise E.R., Ting J.P.Y.;  
*Immunogenetics* 35:136–139(1992). X59621
- Macaca mulatta DNA sequence, complete cds.  
 Bailey W.J., Slightom J.L., Goodman M.;  
*Unpublished*. M81364
- P.hamadryas DNA promoter region for DRA gene (MhcPaha-DRApr) (MHC class II)  
 Gaur L.K., Heise E.R., Ting J.P.Y.;  
*Immunogenetics* 35:136–139(1992). X59620
- Pan paniscus DNA sequence, complete cds.  
 Bailey W.J., Slightom J.L., Goodman M.;  
*Unpublished*. M81362
- Pan troglodytes gene sequence, complete cds.  
 Bailey W.J., Slightom J.L., Goodman M.;  
*Unpublished*. M81361
- Chimpanzee intercellular adhesion molecule-1 mRNA, 3' end.  
 Hammond L., McClelland A.;  
*Unpublished*. M86848
- RODENTS:**
- Cricetulus longicaudatus sodium channel alpha subunit mRNA, partial cds.  
 Lalik P.H., Krafte D.S., Ciccarelli R.B.;  
*Unpublished*. M87540–M87541
- M.auratus mRNA for P5 protein  
 Chaudhuri M.M., Tonin P.N., Lewis W.H., Srinivasan P.R.;  
*Biochem. J.* 281:645–650(1992). X62678
- Mouse mRNA for a growth factor-inducible immediate early gene (3CH134)  
 Charles C.H., Abler A.S., Lau L.F.;  
*Oncogene* 7:187–190(1992). X61940
- Mus musculus connexin 43 (alpha-1 gap junction) mRNA, complete cds.  
 Nishi M., Kumar N.M., Gilula N.B.;  
*Unpublished*. M63801
- Mus musculus AP-2 mRNA for transcription factor  
 Mitchell P.J., Timmons P.M., Hebert J.M., Rigby P.W.J., Tjian R.;  
*Unpublished*. X57012
- Mus musculus connexin 26 (beta-2 gap junction) mRNA, 5' end.  
 Nishi M., Kumar N.M., Gilula N.B.;  
*Unpublished*. M63803
- Mus musculus connexin 32 (beta-1 gap junction) mRNA, complete cds.  
 Nishi M., Kumar N.M., Gilula N.B.;  
*Unpublished*. M63802
- Mus musculus FosB protein (fosB) gene, complete cds.  
 Lazo P.S., Dorfman K., Noguchi T., Mattei M.G., Bravo R.;  
*Nucleic Acids Res.* 20:343–350(1992). M77748
- Mus musculus testis-specific isoform of glyceraldehyde 3-phosphate dehydrogenase (Gapd-S) mRNA, complete cds.  
 Welch J.E., Schatte E.C., O'Brien D.A., Eddy E.M.;  
*Unpublished*. M60978
- Mouse intronless glutamine synthetase gene, complete cds.  
 Bhandari B., Roesler W.J., DeLisio K.D., Klemm D.J., Ross N.S., Miller R.E.;  
*J. Biol. Chem.* 266:7784–7792(1991). M60803
- Mouse glutathione s-transferase (GST Yc) mRNA, complete cds.  
 Buetler T.M., Eaton D.L.;  
*Cancer Res.* 52:314–318(1992). M73483
- Mus musculus GTP-binding protein beta subunit (G-beta 4) mRNA, complete cds.  
 von Weizsaecker E., Strathmann M.P., Simon M.I.;  
*Unpublished*. M87286
- Mus musculus homeobox protein (Hox-1.11) gene, partial cds.  
 Nirenberg M., Kim Y., Nazarali A.;  
*Unpublished*. M87801
- Mus musculus homeobox protein (Hox-4.2) gene, partial cds.  
 Nirenberg M., Kim Y., Nazarali A.;  
*Unpublished*. M87804
- Mus musculus homeobox protein (Hox-4.3 140) partial cds.  
 Nirenberg M., Kim Y., Nazarali A.;  
*Unpublished*. M87803
- Mus musculus homeobox protein (Hox-4.9) gene, partial cds.  
 Nirenberg M., Kim Y., Nazarali A.;  
*Unpublished*. M87802

- M.musculus RNA for labial-like homeobox-containing gene Hox 2.9  
Murphy P., Hill R.E.;  
Development 111:61–74(1991). X59474
- Mouse int-2 gene with B2 repetitive insertion, exon 3.  
Navone N.M., Bianchi A.B., Angel J.M., Conti C.J.;  
Unpublished. M86831
- M.musculus k-FGF oncogene 5' sequence  
Tiesman J.;  
Unpublished. X64632
- Mus musculus (strain C57Bl/6) mRNA sequence.  
Tannenbaum C.S., Major J.A., Hamilton T.A.;  
Unpublished. M74123–M74124
- M.musculus muPAR2 mRNA  
Kristensen P., Eriksen J., Blasi F., Dano K.;  
J. Cell Biol. 115:1763–1771(1991). X62701
- Mouse mRNA for cytochrome P450 reductase.  
Ohgiya S., Goda T., Ishizaki K., Kamataki T., Shinriki N.;  
Unpublished. D10498
- Mouse pyruvate dehydrogenase (pdha-1) mRNA, complete cds.  
Fitzgerald J., Hutchison W.M., Dahl H.H.M.;  
Unpublished. M76727
- Mouse pyruvate dehydrogenase (pdha-2) mRNA, complete cds.  
Fitzgerald J., Hutchison W.M., Dahl H.H.M.;  
Unpublished. M76728
- Mus musculus T-cell receptor (TCR) alpha-chain mRNA, V11.b-J33 region, partial cds.  
Kobori J.A., Hood L., Shastri N.;  
Unpublished. M87846
- Mus musculus T-cell receptor (TCR) alpha-chain mRNA, V11.b-J18 region, partial cds.  
Kobori J.A., Hood L., Shastri N.;  
Unpublished. M87848
- Mouse T cell receptor antibody gene sequence.  
Lefrancois L., Goodman T.;  
Unpublished. M71214
- Mouse thrombospondin 1 mRNA, complete cds.  
Laherty C.D., O'Rourke K., Wolf F.F., Katz R.W., Seldin M.F.,  
Dixit V.M.;  
Unpublished. M87276
- Mouse thrombospondin 2 mRNA, complete cds.  
Laherty C.D., O'Rourke K., Wolf F.F., Katz R.W., Seldin M.F.,  
Dixit V.M.;  
Unpublished. M87275
- Mus pahari ornithine decarboxylase dimer (ODC) gene mRNA, complete cds.  
Berger F.G., Johannes G.J.;  
Unpublished. M87223
- M.auratus mRNA for S-adenosylmethionine decarboxylase  
Pegg A.E.;  
Unpublished. X63861
- R.norvegicus activin type IIB receptor mRNA.  
Legerski R., Zhou X., Dresback J., Eberspaecher H., McKinney S., Segarini P., de Crombrugghe B.;  
Unpublished. M87067
- Rat angiotensin II type-1 receptor mRNA, complete cds.  
Kakar S.S., Sellers J.C., Devor D.C., Musgrove L.C., Neill J.D.;  
Unpublished. M87003
- Rattus norvegicus beta-adrenergic receptor kinase 1 (beta-ARK1) mRNA, complete cds.  
Arriza J.L., Dawson T.M., Simerly R.B., Martin L.J., Caron M.G., Snyder S.H., Lefkowitz R.J.;  
Unpublished. M87854
- Rattus norvegicus beta-adrenergic receptor kinase 2 (beta-ARK2) mRNA, complete cds.  
Arriza J.L., Dawson T.M., Simerly R.B., Martin L.J., Caron M.G., Snyder S.H., Lefkowitz R.J.;  
Unpublished. M87855
- R.norvegicus CD28 mRNA  
Clark G.J., Dallman M.J.;  
Immunogenetics 35:54–57(1992). X55288
- Rat lens membrane protein (MP20) mRNA, complete cds.  
Kumar N.M., Jarvis L.J., Tenbroek E., Louis C.F.;  
Unpublished. M87053
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Unpublished. M84471

*P. haemolytica* serotype-1 specific antigen (ssa1) gene, complete cds.  
Lo R.Y., Strathdee C.A., Cooney B.J., Shewen P.E.;  
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Ji G., Silver S.;  
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Soly R.R., Meighen E.A.;  
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Davison J., Brunel F., Phanopoulos A., Prozzi D., Terpstra P.;  
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Kranz R.G., Pace V.M., Caldicot I.M.;  
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*Rhizobium leguminosarum* nitrogenase reductase (nifH) gene, partial transcribed region.  
Eardly B.D., Young J.P., Selander R.K.;  
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Lawrence J.G., Ochman H., Hartl D.L.;  
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Guilfoile P.G., Hutchinson C.R.;  
Unpublished. M80674

*S.lincolnensis* lmbA gene for lincomycin condensing protein  
Schmidt H., Zhang H.Z., Piepersberg;  
Unpublished. X64651

*S.lincolnensis* lmrA gene for lincomycin resistance protein  
Schmidt H., Zhang H.Z., Piepersberg;  
Unpublished. X59926

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psaC gene, complete cds.  
Rhie E., Stirewalt V.L., Gasparich G.E., Bryant D.A.;  
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*Streptomyces* sp. triacylglycerol acylhydrolase gene, complete cds.  
Servin-Gonzalez L.;  
Unpublished. M86351

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X61767–X61771,X62248–X62247

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Hu N.T., Hung M.N., Chiou S.C., Tang F., Chiang D.C., Huang H.Y., Wu C.Y.;  
Unpublished. M81648

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Lindler L.E., Herman W.E.;  
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van Etten J.L.;  
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Chen X., Bruening G.;  
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M87572–M87573,M87575,M87581,M87586–M87587,M87593

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Duke G.M., Hoffman M.A., Palmenberg A.C.;  
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Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65165

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Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65166

Influenza B/Hong Kong/22/89 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65167

Influenza B/India/3/89 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65168

Influenza B/Hong Kong/9/89 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65169

Influenza B/New York/3/90 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65170

Influenza B/Panama/45/90 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65171

Influenza B/South Dakota/5/89 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65172

Influenza B/Paris/329/90 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65173

Influenza B/Texas/1/91 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65174

Influenza B/Texas/4/90 hemagglutinin (HA) gene (segment 4, HA1 domain), 5' end.  
Rota P.A., Hemphill M., Kendal A.;  
Unpublished. M65175

Influenza B/Victoria/103/89 hemagglutinin (HA) gene (HA1 domain), 5' end.  
 Rota P.A., Hemphill M., Kendal A.;  
 Unpublished. M65176

Influenza B/Victoria/19/89 hemagglutinin (HA) gene, (segment 4, HA1 domain), 5' end.  
 Rota P.A., Hemphill M., Kendal A.;  
 Unpublished. M65177

Fowlpox virus TK gene for thymidine kinase  
 Boyle D., Coupar B.E., Both D.W.;  
 Unpublished. X12700

Herpesvirus simplex type 2 UL3 protein mRNA, complete cds.  
 Worrad D.M., Caradonna S.;  
 Unpublished. M87013

Human cytomegalovirus glycoprotein gp58/116 (UL55) gene, 5' end.  
 Lehner R., Stamminger T., Mach M.;  
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Human cytomegalovirus IMP (UL100) gene, partial cds.  
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 Van Santen V.L.;  
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 Holden V.R., Yalamanchili R.R., Harty R.N., O'Callaghan D.J.;  
 Unpublished. M76726

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 Silva R.F.;  
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 Unpublished. M74887

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 Unpublished. M74892

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 Unpublished. M74888

Hepatitis C virus (PRC1) v3 region RNA.  
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Hepatitis C virus (PRC3) v3 region RNA.  
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Bellini W.J., Hummel K.B., Rota J.S.;  
Unpublished. M81901,M81903

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Rotavirus group A VP7 gene, complete cds.  
Green K.Y., Sarasini A., Qian Y., Gerna;  
Unpublished. M86490

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Green K.Y., Sarasini A., Qian Y., Gerna;  
Unpublished. M86832 – M86834

Human respiratory syncytial virus membrane glycoprotein mRNA,  
complete cds.  
Anderson K., King A.M., Lerch R.A., Wertz G.W.;  
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env gene, complete cds.  
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M74929,M74937 – M74941,M74945,M74947,M74951,M75142,

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**SYNTHETICS:**

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Unpublished. M81899

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Unpublished. M81900

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for measurements of the fidelity of PCR. Carries a lacZ gene  
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